

Day : Wednesday
Date: 2/18/2004
Time: 18:43:48

PALM INTRANET

Continuity Information for 09/901858

Parent Data

09901858

Claims Priority from Provisional Application 60216777

is a continuation in part of 09518794

Which Claims Priority from Provisional Application 60122704

is a continuation in part of 09801390

Which is a continuation in part of 09518794

Which Claims Priority from Provisional Application 60187566Which Claims Priority from Provisional Application 60229984

is a continuation in part of 09801389

Which Claims Priority from Provisional Application 60187566Which Claims Priority from Provisional Application 60229984

Child Data

No Child Data

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data	Inventors	Address
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Search Another: Application# or Patent#
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FILE 'HOME' ENTERED AT 16:31:28 ON 18 FEB 2004

=> FIL STNGUIDE

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Feb 13, 2004 (20040213/UP).

=> file caplus

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FILE COVERS 1907 - 18 Feb 2004 VOL 140 ISS 8
FILE LAST UPDATED: 17 Feb 2004 (20040217/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> cataly? and (parallel or simultaneous?) and (reaction(n)condition)
CATALY? IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> s cataly? and (parallel or simultaneous?) and (reaction(n)condition)
1173937 CATALY?
257004 PARALLEL
10465 PARALLELS
266926 PARALLEL
 (PARALLEL OR PARALLELS)
364636 SIMULTANEOUS?
2671258 REACTION
1923371 REACTIONS
3563228 REACTION
 (REACTION OR REACTIONS)
252504 CONDITION
1462683 CONDITIONS
1663597 CONDITION
 (CONDITION OR CONDITIONS)
36556 REACTION(A)CONDITION
L1 489 CATALY? AND (PARALLEL OR SIMULTANEOUS?) AND (REACTION(A)CONDITIO
 N)

=> s cataly? and (parallel or simultaneous?) and (reaction?(n)condition?)
1173937 CATALY?
257004 PARALLEL
10465 PARALLELS
266926 PARALLEL
 (PARALLEL OR PARALLELS)

```

    364636 SIMULTANEOUS?
    3563485 REACTION?
    1756915 CONDITION?
    36737 REACTION?(A)CONDITION?
L2      490 CATALY? AND (PARALLEL OR SIMULTANEOUS?) AND (REACTION?(A)CONDITI
        ON?)

=> s cataly? and (reaction?(n)condition?)
    1173937 CATALY?
    3563485 REACTION?
    1756915 CONDITION?
    36737 REACTION?(A)CONDITION?
L3      15265 CATALY? AND (REACTION?(A)CONDITION?)

=> s cataly? and (reaction?(n)condition?) and (conver? or selectiv? or yield?)
    1173937 CATALY?
    3563485 REACTION?
    1756915 CONDITION?
    36737 REACTION?(A)CONDITION?
    831805 CONVER?
    555292 SELECTIV?
    1280253 YIELD?
L4      8498 CATALY? AND (REACTION?(A)CONDITION?) AND (CONVER? OR SELECTIV?
        OR YIELD?)

=> s cataly? and (reaction?(n)condition?) and (conver? or selectiv? or yield?) and optimiz?
    1173937 CATALY?
    3563485 REACTION?
    1756915 CONDITION?
    36737 REACTION?(A)CONDITION?
    831805 CONVER?
    555292 SELECTIV?
    1280253 YIELD?
    236353 OPTIMIZ?
L5      638 CATALY? AND (REACTION?(A)CONDITION?) AND (CONVER? OR SELECTIV?
        OR YIELD?) AND OPTIMIZ?

=> s cataly? and (reaction?(n)condition?) and (conver? or selectiv? or yield?) and optimiz?
and (parallel or simultaneous?)
    1173937 CATALY?
    3563485 REACTION?
    1756915 CONDITION?
    36737 REACTION?(A)CONDITION?
    831805 CONVER?
    555292 SELECTIV?
    1280253 YIELD?
    236353 OPTIMIZ?
    257004 PARALLEL
    10465 PARALLELS
    266926 PARALLEL
        (PARALLEL OR PARALLELS)
    364636 SIMULTANEOUS?
L6      14 CATALY? AND (REACTION?(A)CONDITION?) AND (CONVER? OR SELECTIV?
        OR YIELD?) AND OPTIMIZ? AND (PARALLEL OR SIMULTANEOUS?)

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=> d ti au so abs 5

° L6 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

=> s ((parallel or simultaneous?)(p)cataly?) and (reaction?(n)condition?) and (conver? or
selectiv? or yield?)
257004 PARALLEL
10465 PARALLELS
266926 PARALLEL

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        (PARALLEL OR PARALLELS)
364636 SIMULTANEOUS?
1173937 CATALY?
    24561 (PARALLEL OR SIMULTANEOUS?) (P) CATALY?
3563485 REACTION?
1756915 CONDITION?
    36737 REACTION? (A) CONDITION?
    831805 CONVER?
    555292 SELECTIV?
    1280253 YIELD?
L7      231 ((PARALLEL OR SIMULTANEOUS?) (P) CATALY?) AND (REACTION? (A) CONDITI
        ON?) AND (CONVER? OR SELECTIV? OR YIELD?)

=> s ((parallel or simultaneous?) (s) cataly?) and (reaction? (n) condition?) and (conver? or
selectiv? or yield?)
    257004 PARALLEL
    10465 PARALLELS
    266926 PARALLEL
        (PARALLEL OR PARALLELS)
364636 SIMULTANEOUS?
1173937 CATALY?
    10068 (PARALLEL OR SIMULTANEOUS?) (S) CATALY?
3563485 REACTION?
1756915 CONDITION?
    36737 REACTION? (A) CONDITION?
    831805 CONVER?
    555292 SELECTIV?
    1280253 YIELD?
L8      102 ((PARALLEL OR SIMULTANEOUS?) (S) CATALY?) AND (REACTION? (A) CONDITI
        ON?) AND (CONVER? OR SELECTIV? OR YIELD?)

=> s (((parallel or simultaneous?) (s) cataly?) (p) (reaction? (n) condition?)) and (conver? or
selectiv? or yield?)
    257004 PARALLEL
    10465 PARALLELS
    266926 PARALLEL
        (PARALLEL OR PARALLELS)
364636 SIMULTANEOUS?
1173937 CATALY?
3563485 REACTION?
1756915 CONDITION?
    172 ((PARALLEL OR SIMULTANEOUS?) (S) CATALY?) (P) (REACTION? (A) CONDITI
        ON?)
    831805 CONVER?
    555292 SELECTIV?
    1280253 YIELD?
L9      90 (((PARALLEL OR SIMULTANEOUS?) (S) CATALY?) (P) (REACTION? (A) CONDITIO
        N?)) AND (CONVER? OR SELECTIV? OR YIELD?)

=> s (((parallel or simultaneous?) (s) cataly?) (p) (reaction? (n) condition?)) (p) (conver? or
selectiv? or yield?)
    257004 PARALLEL
    10465 PARALLELS
    266926 PARALLEL
        (PARALLEL OR PARALLELS)
364636 SIMULTANEOUS?
1173937 CATALY?
3563485 REACTION?
1756915 CONDITION?
    831805 CONVER?
    555292 SELECTIV?
    1280253 YIELD?
L10     84 (((PARALLEL OR SIMULTANEOUS?) (S) CATALY?) (P) (REACTION? (A) CONDITIO
        N?)) (P) (CONVER? OR SELECTIV? OR YIELD?)

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=> s (((parallel or simultaneous?)(s)cataly?)(p)(reaction?(n)condition?))(p)(conver? or
selectivity or yield?)
    257004 PARALLEL
    10465 PARALLELS
    266926 PARALLEL
        (PARALLEL OR PARALLELS)
    364636 SIMULTANEOUS?
    1173937 CATALY?
    3563485 REACTION?
    1756915 CONDITION?
    831805 CONVER?
    153532 SELECTIVITY
    11065 SELECTIVITIES
    159724 SELECTIVITY
        (SELECTIVITY OR SELECTIVITIES)
    1280253 YIELD?
L11      76 (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(A)CONDITIO
N?))(P)(CONVER? OR SELECTIVITY OR YIELD?)
```

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=> s (((parallel or simultaneous?)(s)cataly?)(p)(reaction?(n)condition?))(p)(conversion or
selectivity or yield?)
    257004 PARALLEL
    10465 PARALLELS
    266926 PARALLEL
        (PARALLEL OR PARALLELS)
    364636 SIMULTANEOUS?
    1173937 CATALY?
    3563485 REACTION?
    1756915 CONDITION?
    417282 CONVERSION
    19901 CONVERSIONS
    428896 CONVERSION
        (CONVERSION OR CONVERSIONS)
    153532 SELECTIVITY
    11065 SELECTIVITIES
    159724 SELECTIVITY
        (SELECTIVITY OR SELECTIVITIES)
    1280253 YIELD?
L12      68 (((PARALLEL OR SIMULTANEOUS?)(S)CATALY?)(P)(REACTION?(A)CONDITIO
N?))(P)(CONVERSION OR SELECTIVITY OR YIELD?)
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=> s (((parallel or simultaneous?)(s)same(s)cataly?)(p)((different or vary?)(s)
(reaction?(n)condition?))) (p)(conversion or selectivity or yield?)
257004 PARALLEL
10465 PARALLELS
266926 PARALLEL
(PARALLEL OR PARALLELS)
364636 SIMULTANEOUS?

```

1263062 SAME
    60 SAMES
1263119 SAME
    (SAME OR SAMES)
1173937 CATALY?
1940305 DIFFERENT
    40 DIFFERENTS
1940334 DIFFERENT
    (DIFFERENT OR DIFFERENTS)
    294415 VARY?
3563485 REACTION?
1756915 CONDITION?
    417282 CONVERSION
        19901 CONVERSIONS
    428896 CONVERSION
        (CONVERSION OR CONVERSIONS)
    153532 SELECTIVITY
        11065 SELECTIVITIES
    159724 SELECTIVITY
        (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L13      0 (((PARALLEL OR SIMULTANEOUS?) (S) SAME (S) CATALY?) (P) ((DIFFERENT
        OR VARY?) (S) (REACTION? (A) CONDITION?))) (P) (CONVERSION OR SELECTIV
        ITY OR YIELD?)

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=> s (((s) same(s) cataly?) (p) ((different or vary?) (s) (reaction?(n) condition?))) (p)
(conversion or selectivity or yield?)
MISSING TERM '(((S'
The search profile entered contains a left parenthesis,
'(' followed by an operator.

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```

=> s ((s) same(s) cataly?) (p) ((different or vary?) (s) (reaction?(n) condition?))) (p) (conversion
or selectivity or yield?)
MISSING TERM '((S'
The search profile entered contains a left parenthesis,
'(' followed by an operator.

```

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=> s (((same(s) cataly?) (p) ((different or vary?) (s) (reaction?(n) condition?))) (p) (conversion
or selectivity or yield?)
UNMATCHED LEFT PARENTHESIS '('
The number of right parentheses in a query must be equal to the
number of left parentheses.

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=> s (same(s) cataly?) (p) ((different or vary?) (s) (reaction?(n) condition?))) (p) (conversion or
selectivity or yield?)
UNMATCHED RIGHT PARENTHESIS 'NDITION?))) (P'
The number of right parentheses in a query must be equal to the
number of left parentheses.

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=> s ((same(s) cataly?) (p) ((different or vary?) (s) (reaction?(n) condition?))) (p) (conversion
or selectivity or yield?)
1263062 SAME
    60 SAMES
1263119 SAME
    (SAME OR SAMES)
1173937 CATALY?
1940305 DIFFERENT
    40 DIFFERENTS
1940334 DIFFERENT
    (DIFFERENT OR DIFFERENTS)
    294415 VARY?
3563485 REACTION?
1756915 CONDITION?
    417282 CONVERSION
        19901 CONVERSIONS
    428896 CONVERSION

```

(CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
11065 SELECTIVITIES
159724 SELECTIVITY
(SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L14 16 ((SAME(S)CATALY?)(P)((DIFFERENT OR VARY?)(S)(REACTION?(A)CONDITI
ON?)))(P)(CONVERSION OR SELECTIVITY OR YIELD?)

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FILE 'CAPLUS' ENTERED AT 16:33:21 ON 18 FEB 2004

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 L2 490 S CATALY? AND (PARALLEL OR SIMULTANEOUS?) AND (REACTION?(N)COND
 L3 15265 S CATALY? AND (REACTION?(N)CONDITION?)
 L4 8498 S CATALY? AND (REACTION?(N)CONDITION?) AND (CONVER? OR SELECTIV
 L5 638 S CATALY? AND (REACTION?(N)CONDITION?) AND (CONVER? OR SELECTIV
 L6 14 S CATALY? AND (REACTION?(N)CONDITION?) AND (CONVER? OR SELECTIV
 L7 231 S ((PARALLEL OR SIMULTANEOUS?) (P)CATALY?) AND (REACTION?(N)COND
 L8 102 S ((PARALLEL OR SIMULTANEOUS?) (S)CATALY?) AND (REACTION?(N)COND
 L9 90 S (((PARALLEL OR SIMULTANEOUS?) (S)CATALY?) (P) (REACTION?(N)CONDI
 L10 84 S (((PARALLEL OR SIMULTANEOUS?) (S)CATALY?) (P) (REACTION?(N)CONDI
 L11 76 S (((PARALLEL OR SIMULTANEOUS?) (S)CATALY?) (P) (REACTION?(N)CONDI
 L12 68 S (((PARALLEL OR SIMULTANEOUS?) (S)CATALY?) (P) (REACTION?(N)CONDI
 L13 0 S (((PARALLEL OR SIMULTANEOUS?) (S)SAME(S)CATALY?) (P) ((DIFFERENT
 L14 16 S ((SAME(S)CATALY?) (P) ((DIFFERENT OR VARY?) (S) (REACTION?(N)COND

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° L12 ANSWER 51 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 52 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 53 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 54 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 55 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 56 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 57 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 58 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 59 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 60 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 61 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 62 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 63 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 64 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 65 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 66 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 67 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

° L12 ANSWER 68 OF 68 CAPLUS COPYRIGHT 2004 ACS on STN

=> d ti au so abs l14 tot

° L14 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

° L14 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

```
=> s ((same(s)cataly?(s)?reactor?)(p)((different or vary?)(s)(reaction?(n)condition?))) (p)
(conversion or selectivity or yield?)
1263062 SAME
60 SAMES
1263119 SAME
(SAME OR SAMES)
1173937 CATALY?
432420 ?REACTOR?
1940305 DIFFERENT
40 DIFFERENTS
1940334 DIFFERENT
(DIFFERENT OR DIFFERENTS)
294415 VARY?
3563485 REACTION?
1756915 CONDITION?
417282 CONVERSION
19901 CONVERSIONS
428896 CONVERSION
```



```

      (CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
11065 SELECTIVITIES
159724 SELECTIVITY
      (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L15      0 ((SAME(S)CATALY?(S)?REACTOR?) (P) ((DIFFERENT OR VARY?) (S) (REACTIO
      N?(A)CONDITION?))) (P) (CONVERSION OR SELECTIVITY OR YIELD?)

```

```

=> s ((same(s)cataly?(s)?reactor?) (p) ((s) (reaction?(n)condition?))) (p) (conversion or
selectivity or yield?)
MISSING TERM 'P)((S'
The search profile entered contains a left parenthesis,
'(' followed by an operator.

```

```

=> s ((same(s)cataly?(s)?reactor?) (p) ((reaction?(n)condition?))) (p) (conversion or
selectivity or yield?)
1263062 SAME
60 SAMES
1263119 SAME
      (SAME OR SAMES)
1173937 CATALY?
432420 ?REACTOR?
3563485 REACTION?
1756915 CONDITION?
417282 CONVERSION
19901 CONVERSIONS
428896 CONVERSION
      (CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
11065 SELECTIVITIES
159724 SELECTIVITY
      (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L16      6 ((SAME(S)CATALY?(S)?REACTOR?) (P) ((REACTION?(A)CONDITION?))) (P) (C
      ONVERSION OR SELECTIVITY OR YIELD?)

```

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=> d ti au so abs l16 tot

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"L16 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

"L16 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

"L16 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

"L16 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

"L16 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

"L16 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

```

=> s ((same(s)cataly?(s) (?reactor? or bed?)) (p) ((reaction?(n)condition?))) (p) (conversion or
selectivity or yield?)
1263062 SAME
60 SAMES
1263119 SAME
      (SAME OR SAMES)
1173937 CATALY?
432420 ?REACTOR?
185596 BED?

```

```

3563485 REACTION?
1756915 CONDITION?
417282 CONVERSION
19901 CONVERSIONS
428896 CONVERSION
      (CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
11065 SELECTIVITIES
159724 SELECTIVITY
      (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L17      7 ((SAME(S)CATALY?(S) (?REACTOR? OR BED?)) (P) ((REACTION?(A)CONDITIO
      N?))) (P) (CONVERSION OR SELECTIVITY OR YIELD?)

=> s ((same(s)cataly?(s) (bed?)) (p) ((reaction?(n)condition?))) (p) (conversion or selectivity
or yield?)
1263062 SAME
      60 SAMES
1263119 SAME
      (SAME OR SAMES)
1173937 CATALY?
185596 BED?
3563485 REACTION?
1756915 CONDITION?
417282 CONVERSION
19901 CONVERSIONS
428896 CONVERSION
      (CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
11065 SELECTIVITIES
159724 SELECTIVITY
      (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L18      3 ((SAME(S)CATALY?(S) (BED?)) (P) ((REACTION?(A)CONDITION?))) (P) (CONV
      ERSION OR SELECTIVITY OR YIELD?)

```

=> d ti au so abs l18 tot

°L18 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

°L18 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

°L18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

```

=> s ((same(s)cataly?(s) (parallel or simultaneous?) (s) (?reactor? or bed?)) (p) ((reaction?(n)
condition?))) (p) (conversion or selectivity or yield?)
1263062 SAME
      60 SAMES
1263119 SAME
      (SAME OR SAMES)
1173937 CATALY?
257004 PARALLEL
10465 PARALLELS
266926 PARALLEL
      (PARALLEL OR PARALLELS)
364636 SIMULTANEOUS?
432420 ?REACTOR?
185596 BED?
3563485 REACTION?
1756915 CONDITION?
417282 CONVERSION
19901 CONVERSIONS
428896 CONVERSION

```

```

        (CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
11065 SELECTIVITIES
159724 SELECTIVITY
        (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L19      0 ((SAME(S)CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTOR? OR
        BED?))(P)((REACTION?(A)CONDITION?)))(P)(CONVERSION OR SELECTIVIT
        Y OR YIELD?)

=> s ((same(s)cataly?(s)(parallel or simultaneous?)(s)(?reactors or beds)) and
((reaction?(n)condition?))) and (conversion or selectivity or yield?)
1263062 SAME
        60 SAMES
1263119 SAME
        (SAME OR SAMES)
1173937 CATALY?
257004 PARALLEL
10465 PARALLELS
266926 PARALLEL
        (PARALLEL OR PARALLELS)
364636 SIMULTANEOUS?
231334 ?REACTORS
60587 BEDS
        6 SAME(S)CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTORS OR
        BEDS)
3563485 REACTION?
1756915 CONDITION?
        36737 REACTION?(A)CONDITION?
417282 CONVERSION
19901 CONVERSIONS
428896 CONVERSION
        (CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
11065 SELECTIVITIES
159724 SELECTIVITY
        (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L20      0 ((SAME(S)CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTORS OR
        BEDS)) AND ((REACTION?(A)CONDITION?))) AND (CONVERSION OR SELECT
        IVITY OR YIELD?)

=> s ((same(s)cataly?(s)(?reactors or beds)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
1263062 SAME
        60 SAMES
1263119 SAME
        (SAME OR SAMES)
1173937 CATALY?
231334 ?REACTORS
60587 BEDS
        124 SAME(S)CATALY?(S)(?REACTORS OR BEDS)
3563485 REACTION?
1756915 CONDITION?
        36737 REACTION?(A)CONDITION?
417282 CONVERSION
19901 CONVERSIONS
428896 CONVERSION
        (CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
11065 SELECTIVITIES
159724 SELECTIVITY
        (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L21      1 ((SAME(S)CATALY?(S)(?REACTORS OR BEDS)) AND ((REACTION?(A)CONDIT
        ION?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

```

=> d ti au so abs l21 tot

°L21 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

=> s (((same(n)cataly?)(s)(?reactors or beds)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)

1263062 SAME

60 SAMES

1263119 SAME

(SAME OR SAMES)

1173937 CATALY?

231334 ?REACTORS

60587 BEDS

18 (SAME(A)CATALY?)(S)(?REACTORS OR BEDS)

3563485 REACTION?

1756915 CONDITION?

36737 REACTION?(A)CONDITION?

417282 CONVERSION

19901 CONVERSIONS

428896 CONVERSION

(CONVERSION OR CONVERSIONS)

153532 SELECTIVITY

11065 SELECTIVITIES

159724 SELECTIVITY

(SELECTIVITY OR SELECTIVITIES)

1280253 YIELD?

L22 0 (((SAME(A)CATALY?)(S)(?REACTORS OR BEDS)) AND ((REACTION?(A)COND
ITION?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> s (((same(n1)cataly?)(s)(?reactors or beds)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)

MISSING OPERATOR 'SAME(N1'

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s (((same(ln)cataly?)(s)(?reactors or beds)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)

1263062 SAME

60 SAMES

1263119 SAME

(SAME OR SAMES)

1173937 CATALY?

231334 ?REACTORS

60587 BEDS

21 (SAME(1A)CATALY?)(S)(?REACTORS OR BEDS)

3563485 REACTION?

1756915 CONDITION?

36737 REACTION?(A)CONDITION?

417282 CONVERSION

19901 CONVERSIONS

428896 CONVERSION

(CONVERSION OR CONVERSIONS)

153532 SELECTIVITY

11065 SELECTIVITIES

159724 SELECTIVITY

(SELECTIVITY OR SELECTIVITIES)

1280253 YIELD?

L23 0 (((SAME(1A)CATALY?)(S)(?REACTORS OR BEDS)) AND ((REACTION?(A)CON
DITION?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> s (((same(ln)cataly?)(s)(?reactor? or bed?)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)

1263062 SAME

60 SAMES

1263119 SAME

```

                (SAME OR SAMES)
1173937 CATALY?
432420 ?REACTOR?
185596 BED?
    160 (SAME(1A)CATALY?)(S)(?REACTOR? OR BED?)
3563485 REACTION?
1756915 CONDITION?
    36737 REACTION?(A)CONDITION?
417282 CONVERSION
    19901 CONVERSIONS
428896 CONVERSION
    (CONVERSION OR CONVERSIONS)
153532 SELECTIVITY
    11065 SELECTIVITIES
159724 SELECTIVITY
    (SELECTIVITY OR SELECTIVITIES)
1280253 YIELD?
L24      2 (((SAME(1A)CATALY?)(S)(?REACTOR? OR BED?)) AND ((REACTION?(A)CON
        DITION?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

```

=> d ti au so abs l24 tot

°L24 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

°L24 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

```

=> index engineering
FILE 'ENCOMPLIT' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT' ACCESS NOT AUTHORIZED
FILE 'WPIDS' ACCESS NOT AUTHORIZED
INDEX 'IMOBILITY, 2MOBILITY, ABI-INFORM, AEROSPACE, ALUMINIUM, APOLLIT,
      BIOTECHNO, CAPLUS, CEABA-VTB, CEN, CIN, COMPENDEX, CONFSCI, COPPERLIT,
      CORROSION, DISSABS, DKF, ELCOM, EMA, ENCOMPLIT2, ENCOMPPAT2, ENERGY,
      ENTEC, EUROPATFULL, FEDRIP, GEOREF, HEALSAFE, ...'
ENTERED AT 17:16:04 ON 18 FEB 2004

```

62 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

```

=> s (((same(1n)cataly?)(s)(?reactor? or bed?)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)
    0* FILE 1MOBILITY
    0* FILE 2MOBILITY
    0* FILE AEROSPACE
    0* FILE ALUMINIUM
    0* FILE APOLLIT
    2 FILE CAPLUS
    0* FILE CEABA-VTB
  9 FILES SEARCHED...
    0* FILE CEN
    3 FILE COMPENDEX
    0* FILE CONFSCI
    0* FILE CORROSION
15 FILES SEARCHED...
    0* FILE ELCOM
    0* FILE EMA
    2* FILE ENCOMPLIT2
    0* FILE ENCOMPPAT2
    5 FILE ENERGY
22 FILES SEARCHED...
    0* FILE ENTEC
186 FILE EUROPATFULL

```

24 FILES SEARCHED...

0* FILE FEDRIP
0* FILE GEOREF
0* FILE HEALSAFE
1 FILE IFIPAT
0* FILE INIS

30 FILES SEARCHED...

0* FILE INSPHYS
0* FILE ITRD
1* FILE JICST-EPLUS
0* FILE MDF
0* FILE NLDB
2 FILE NTIS
0* FILE OCEAN
0* FILE PAPERCHEM2
4 FILE PASCAL

40 FILES SEARCHED...

210 FILE PCTFULL

43 FILES SEARCHED...

0* FILE PIRA
0* FILE PLASNEWS
0* FILE POLLUAB
2* FILE PROMT
0* FILE RUSSCI
6 FILE SCISEARCH
0* FILE SIGLE

54 FILES SEARCHED...

0* FILE TRIBO
0* FILE TULSA
0* FILE TULSA2
983 FILE USPATFULL
26 FILE USPAT2

61 FILES SEARCHED...

14 FILES HAVE ONE OR MORE ANSWERS, 62 FILES SEARCHED IN STNINDEX

L25 QUE (((SAME(1N) CATALY?)(S)(?REACTOR? OR BED?)) AND ((REACTION?(N) CONDITI
ON?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> d rank

F1	983	USPATFULL
F2	210	PCTFULL
F3	186	EUROPATFULL
F4	26	USPAT2
F5	6	SCISEARCH
F6	5	ENERGY
F7	4	PASCAL
F8	3	COMPENDEX
F9	2	CAPLUS
F10	2	NTIS
F11	2*	ENCOMPLIT2
F12	2*	PROMT
F13	1	IFIPAT
F14	1*	JICST-EPLUS

=> index chemistry

FILE 'ENCOMPLIT' ACCESS NOT AUTHORIZED

INDEX 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE,
BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN,
COMPENDEX, CONFSCI, COPPERLIT, CORROSION, DISSABS, ENCOMPLIT2, FEDRIP,
GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, ...'

ENTERED AT 17:19:47 ON 18 FEB 2004

47 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (((same(1n)cataly?)(s)(?reactor? or bed?)) and ((reaction?(n)condition?))) and
(conversion or selectivity or yield?)

0* FILE AGRICOLA
0* FILE ALUMINIUM
0* FILE APOLLIT
0* FILE AQUIRE
0* FILE BABS
0* FILE BIOCOMMERCE
2 FILE CAPLUS

12 FILES SEARCHED...

0* FILE CEABA-VTB
0* FILE CEN
0* FILE CERAB
3 FILE COMPENDEX
0* FILE CONFSCI
0* FILE CORROSION
2* FILE ENCOMPLIT2

22 FILES SEARCHED...

0* FILE FEDRIP
0* FILE INSPHYS
0* FILE INVESTEXT
0* FILE IPA
1* FILE JICST-EPLUS

31 FILES SEARCHED...

0* FILE NIOSHTIC
2 FILE NTIS
0* FILE PAPERCHEM2
4 FILE PASCAL
2* FILE PROMT
0* FILE RUSSCI

40 FILES SEARCHED...

6 FILE SCISEARCH
0* FILE TULSA
0* FILE TULSA2

8 FILES HAVE ONE OR MORE ANSWERS, 47 FILES SEARCHED IN STNINDEX

L26 QUE (((SAME(1N) CATALY?)(S)(?REACTOR? OR BED?)) AND ((REACTION?(N) CONDITI
ON?))) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> d rank

F1 6 SCISEARCH
F2 4 PASCAL
F3 3 COMPENDEX
F4 2 CAPLUS
F5 2 NTIS
F6 2* ENCOMPLIT2
F7 2* PROMT
F8 1* JICST-EPLUS

=> file uspatfull pctfull europatfull uspat2

FILE 'USPATFULL' ENTERED AT 17:21:38 ON 18 FEB 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'PCTFULL' ENTERED AT 17:21:38 ON 18 FEB 2004
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FILE 'USPAT2' ENTERED AT 17:21:38 ON 18 FEB 2004
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=> s (((same(1n)cataly?)(s)(?reactor? or bed?))(p)((reaction?(n)condition?)))(p)(conversion or selectivity or yield?)

L27 552 (((SAME(1N) CATALY?)(S)(?REACTOR? OR BED?))(P)((REACTION?(N) CONDITION?)))(P)(CONVERSION OR SELECTIVITY OR YIELD?)

=> s ((same(s)cataly?(s)(parallel or simultaneous?)(s)(?reactor? or bed?))(p)((reaction?(n) condition?)))(p)(conversion or selectivity or yield?)

3 FILES SEARCHED...

L28 369 ((SAME(S) CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTOR? OR BED?))(P)((REACTION?(N) CONDITION?)))(P)(CONVERSION OR SELECTIVITY OR YIELD?)

=> s ((same(1n)cataly?(s)(parallel or simultaneous?)(s)(?reactors or beds)) and ((reaction?(n)condition?)) and (conversion or selectivity or yield?)

L29 15 ((SAME(1N) CATALY?(S)(PARALLEL OR SIMULTANEOUS?)(S)(?REACTORS OR BEDS)) AND ((REACTION?(N) CONDITION?)) AND (CONVERSION OR SELECTIVITY OR YIELD?)

=> d ti au so abs l29 tot

° L29 ANSWER 1 OF 15 USPATFULL on STN

° L29 ANSWER 2 OF 15 USPATFULL on STN

° L29 ANSWER 3 OF 15 USPATFULL on STN

° L29 ANSWER 4 OF 15 USPATFULL on STN

° L29 ANSWER 5 OF 15 USPATFULL on STN

° L29 ANSWER 6 OF 15 USPATFULL on STN

° L29 ANSWER 7 OF 15 USPATFULL on STN

° L29 ANSWER 8 OF 15 USPATFULL on STN

° L29 ANSWER 9 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 10 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 11 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 12 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 13 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

° L29 ANSWER 14 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

° L29 ANSWER 15 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

=> d ti in pi pa ai abs l29 tot

° L29 ANSWER 1 OF 15 USPATFULL on STN

° L29 ANSWER 2 OF 15 USPATFULL on STN

° L29 ANSWER 3 OF 15 USPATFULL on STN

° L29 ANSWER 4 OF 15 USPATFULL on STN

° L29 ANSWER 5 OF 15 USPATFULL on STN

° L29 ANSWER 6 OF 15 USPATFULL on STN

° L29 ANSWER 7 OF 15 USPATFULL on STN

° L29 ANSWER 8 OF 15 USPATFULL on STN

° L29 ANSWER 9 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 10 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 11 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 12 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 13 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

° L29 ANSWER 14 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

° L29 ANSWER 15 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

=> d ti in pi pa ai ab l29 tot

° L29 ANSWER 1 OF 15 USPATFULL on STN

° L29 ANSWER 2 OF 15 USPATFULL on STN

° L29 ANSWER 3 OF 15 USPATFULL on STN

° L29 ANSWER 4 OF 15 USPATFULL on STN

° L29 ANSWER 5 OF 15 USPATFULL on STN

° L29 ANSWER 6 OF 15 USPATFULL on STN

° L29 ANSWER 7 OF 15 USPATFULL on STN

° L29 ANSWER 8 OF 15 USPATFULL on STN

° L29 ANSWER 9 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 10 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 11 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 12 OF 15 PCTFULL COPYRIGHT 2004 Univentio on STN

° L29 ANSWER 13 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

° L29 ANSWER 14 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

° L29 ANSWER 15 OF 15 EUROPATFULL COPYRIGHT 2004 WILA on STN

=> file uspat2

FILE 'USPAT2' ENTERED AT 17:31:07 ON 18 FEB 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 2001 TO PUBLICATION DATE: 17 Feb 2004 (20040217/PD)

FILE LAST UPDATED: 17 Feb 2004 (20040217/ED)

HIGHEST GRANTED PATENT NUMBER: US2003197640

HIGHEST APPLICATION PUBLICATION NUMBER: US2004031066

CA INDEXING IS CURRENT THROUGH 17 Feb 2004 (20040217/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 17 Feb 2004 (20040217/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2003

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2003

USPAT2 is a companion file to USPATFULL. USPAT2 contains full text of the latest US publications, starting in 2001, for the inventions covered in USPATFULL. USPATFULL contains full text of the original published US patents from 1971 to date and the original applications from 2001. In addition, a USPATFULL record for an invention contains a complete list of publications that may be searched in standard search fields, e.g., /PN, /PK, etc.

USPATFULL and USPAT2 can be accessed and searched together through the new cluster USPATALL. Type FILE USPATALL to enter this cluster.

Use USPATALL when searching terms such as patent assignees, classifications, or claims, that may potentially change from the earliest to the latest publication.

=> s ((same(ln)cataly?(s)(parallel or simultaneous?)(s)(?reactors or beds)) and ((reaction?(n)condition?))) and (conversion or selectivity or yield?)

112453 SAME

9 SAMES

112453 SAME

(SAME OR SAMES)

13375 CATALY?

52166 PARALLEL

296 PARALLELS

52271 PARALLEL

(PARALLEL OR PARALLELS)

38973 SIMULTANEOUS?

1896 ?REACTORS

```

1228 BEDS
  2 SAME(1A)CATALY?(S) (PARALLEL OR SIMULTANEOUS?) (S) (?REACTORS OR
    BEDS)
27915 REACTION?
72604 CONDITION?
  3304 REACTION?(A)CONDITION?
16502 CONVERSION
  1195 CONVERSIONS
16698 CONVERSION
      (CONVERSION OR CONVERSIONS)
  4312 SELECTIVITY
    379 SELECTIVITIES
  4368 SELECTIVITY
      (SELECTIVITY OR SELECTIVITIES)
26186 YIELD?
L30  0 ((SAME(1A)CATALY?(S) (PARALLEL OR SIMULTANEOUS?) (S) (?REACTORS OR
      BEDS)) AND ((REACTION?(A)CONDITION?))) AND (CONVERSION OR SELECT
      IVITY OR YIELD?)

```

=> log y

STN INTERNATIONAL LOGOFF AT 17:31:50 ON 18 FEB 2004